Webb County Main Fire Station & Administration Building

For Webb County

Addendum No. 4 Oct. 22, 2015

All interested parties to the project above identified are hereby notified of the following revisions to the Construction Documents. These changes shall take precedence over all previous relevant declarations and drawings found in the Construction Documents. Unless otherwise noted all work described herein or attached shall comply with all the requirements found in and/or referred to in the Construction Documents. All other work affected by this revision not mentioned herein shall be modified to accommodate these revisions. Those modifications shall comply with the design intent, all the requirements found in and/or referred to in the Construction Documents, and shall be executed in coordination with the Architect. This Addendum must be attached to the inside front cover of your set of specifications.

PROPOSAL DUE DATE EXTENSION:
Sealed Proposals will be received at the offices of Webb County Clerk (1110 Victoria, Suite 201, Laredo, Tx 78040) –on November 20th 2015 at 2pm, and publicly opened, read, and taken under advisement for the furnishing of all necessary materials, machinery, equipment, labor, superintendence, and all other services and things required for certain construction improvements.

QUESTIONS SUBMITTED FOR CLARIFICATION:

1. What bond format shall we use? Bonds shall be submitted using a standard AIA form.
2. Code requires Grab Bar configuration 42" 36" horizontal with 18" vertical. Plan does not have 18" vertical. Assume we should include one 18" per bath. Please confirm. Yes, dorm areas shall comply with residential codes.
3. Female & Unisex bath does not have sanitary napkin disposal shown in schedule. Assume one in Female bath and one in Unisex bath. Please confirm. Yes.
4. 2 wall shower grab bar in schedule but not on plan. Assume one in ADA showers Male and Female bath. Please confirm. Yes, dorm areas shall comply with residential codes.

REPLACE SHEETS:

Exhibit A: Section 08360 Sectional Overhead Doors shall be replaced

THE FOLLOWING SUBMISSION/VENDER HAS BEEN APPROVED AS ALTERNATES FOR THE PRODUCTS SPECIFIED:

Attached Exhibit B: Approved lock submission

Hickey Peña Architects

Mario A. Peña, AIA

REGISTERED ARCHITECT
MARIO A. PEÑA
20580
STATE OF TEXAS

DIGITALLY SIGNED: 10/22/2015

Exhibit-A

08360 SECTIONAL OVERHEAD DOORS

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Insulated Sectional Overhead Doors.

1.2 RELATED SECTIONS

A. Section 03300 - Cast-In-Place Concrete: Prepared opening in concrete. Execution requirements for placement of anchors in concrete wall construction.

B. Section 04810 - Unit Masonry Assemblies: Prepared opening in masonry. Execution requirements for placement of anchors in masonry wall construction.

C. Section 05500 - Metal Fabrications: Steel frame and supports.

D. Section 06114 - Wood Blocking and Curbing: Rough wood framing and blocking for door opening.

E. Section 07900 - Joint Sealers: Perimeter sealant and backup materials.

F. Section 08710 - Door Hardware: Cylinder locks.

G. Section 09900 - Paints and Coatings: Field painting.

H. Section 11150 - Parking Control Equipment: Remote door control.

I. Section 16130 - Raceway and Boxes: Empty conduit from control station to door operator.

J. Section 16150 - Wiring Connections: Electrical service to door operator.

1.3 REFERENCES

A. ANSI/DASMA 102 - American National Standard Specifications for Sectional Overhead Type Doors.

B. ASTM A 123 – Zinc hot-dipped galvanized coatings on iron and steel products.

C. ASTM A 216 - Specifications for sectional overhead type doors.

D. ASTM A 229 - Steel wire, oil-tempered for mechanical springs.

E. ASTM A 653 - Steel sheet, zinc-coated galvanized by the hot-dipped process, commercial quality.

F. ASTM D 1929 - Ignition temperature test to determine flash and ignition temperature of foamed plastics.

G. ASTM E 84 - Tunnel test for flame spread and smoke developed index.

H. ASTM E 330 - Structural performance of exterior windows, curtain walls, and doors by uniform static air pressure difference.

I. ASTM E 413 - Classification for Rating Sound Insulation

J. ASTM E 1332 - Standard Classification for Rating Outdoor-Indoor Sound Attenuation.

K. ASTM E 283 - Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen

1.4 DESIGN / PERFORMANCE REQUIREMENTS

A. Wind Loads: Design and size components to withstand loads caused by pressure and suction of wind acting normal to plane of wall as calculated in accordance with applicable code.
   1. Shall Comply w/ IBC Code 2012 for Windloads

B. Wiring Connections: Requirements for electrical characteristics.
   208v 3 phase

C. Single-Source Responsibility: Provide doors, tracks, motors, and accessories from one manufacturer for each type of door. Provide secondary components from source acceptable to manufacturer of primary components.

1.5 SUBMITTALS

A. Submit under provisions of Section 01300.

B. Product Data: Manufacturer's data sheets on each product to be used, including:
   1. Preparation instructions and recommendations.
   2. Storage and handling requirements and recommendations.
   3. Installation methods.

C. Shop Drawings: Indicate plans and elevations including opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.

D. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

E. Operation and Maintenance Data.

1.6 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum five years documented experience.

B. Installer Qualifications: Authorized representative of the manufacturer with minimum five years documented experience.

C. Products Requiring Electrical Connection: Listed and classified by Underwriters

Laboratories, Inc. acceptable to authority having jurisdiction as suitable for purpose specified.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Store products in manufacturer's unopened labeled packaging until ready for installation.

B. Protect materials from exposure to moisture until ready for installation.

C. Store materials in a dry, ventilated weathertight location.

1.8 PROJECT CONDITIONS

A. Pre-Installation Conference: Convene a pre-installation conference just prior to commencement of field operations, to establish procedures to maintain optimum working conditions and to coordinate this work with related and adjacent work.

1.9 WARRANTY

A. Warranty: Manufacturer's limited door and operators System warranty for 10 year against cracking, splitting or deterioration of steel skin due to rust-through for 7 years.

B. Warranty: Manufacturer's limited door and operators System warranty for 10 year against cracking, splitting or deterioration due to rust-through.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer:
1. Wayne Dalton; 2501 S. State Highway 121 Business, Suite 200, Lewisville, TX 75067. ASD. Phone: (800) 827-3667; Web Site: www.wayne-dalton.com. Email: info@wayne-dalton.com.
2. Door Engineering & Manufacturing LLC: 400 W Cherry St, Kasota, MN 56050, Phone: (507) 931-6910 Web Site: http://doorengineering.com/
3. Overhead Door : 2501 South State Highway 121 Bus. Suite 200 Lewisville, TX 75067, Phone: **800-275-3290** Web Site: http://www.overheaddoor.com

B. Substitutions: Contractor shall submit substitutions that comply with spec.

C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 INSULATED SECTIONAL OVERHEAD DOORS

A. Insulated Steel Sectional Overhead Doors: Wayne Dalton ThermoMark 5150

insulated sectional overhead steel doors. Units shall have the following characteristics:
Flush Panel Sectional Door w/ Clear I Glazing Model 5150

1. Door Sections: Shall be of steel/polyurethane/steel sandwich type construction with thermal break.
    a. Panel Thickness: 1-3/8 inches (34.92 mm).
    b. Exterior Surface: Raised panel with non-repeating wood grain texture.
    c. Exterior Steel: .015 inch (0.38 mm), hot-dipped galvanized.
    d. Sections roll formed with two 1-3/4 inch integral struts sealed with polypropylene rib caps per section.
    e. Thermal Values: R-value of 12.12; U-value of 0.0825.
    f. Air Infiltration: 0.23 cfm at 15 mph.
    g. Sound transmission class 20 when tested in accordance with ASTM E 413.
    h. Outdoor-indoor transmission class 20 when tested in accordance with ASTM E 1332.
    i. Insulation: CFC-free and HCFC-free polyurethane, fully encapsulated.
        1) Insulated sections tested in accordance with ASTM E 84 and achieve a Flame spread Index of 10 or less, and a Smoke Developed Index of 210 or less.
        2) Insulation material tested in accordance with ASTM D 1929 and achieve a minimum Flash Ignition temperature of 734 degrees F, and a minimum Self Ignition temperature of 950 degrees F.
        3) Insulated sections shall meet all requirements of the UBC 17-5 corner burn.
    j. Ends: Hot-dipped galvanized steel, full height with end caps.
        1) 16 gauge.
    k. Spring Counterbalance: Sized to weight of the door, with a helically wound, oil tempered torsion spring mounted on a steel shaft; cable drum of die cast aluminum with high strength galvanized aircraft cable. Sized with a minimum 5 to 1 safety factor.

        1) High cycle spring: 100,000 cycles.

    l. Pass-Door:
        1) Provide with optional pass door.
    m. ThermoLite Glazing of Steel Panels:
        1/4 inch (6 mm) Tempered glass.
    n. Partial Glazing of Steel Panels:
        1) Tempered Thermolite.

    o. Single Panel Lite:
        1) 1/4 inch (6 mm) Tempered glass.

    p. Colonial Style SSB with High Impact Polymer Frame:
2. Finish and Color:
    a. Two coat baked-on polyester:
        1) Interior color, Customized color
        2) Exterior color, Customized color
3. Windload Design: Provide to meet the Design/Performance requirements specified.
4. Hardware: Galvanized steel hinges and fixtures. Ball bearing rollers with hardened steel races.
5. Lock:
    e. Locking mechanism designed to maintain security for exterior while permitting break out when impacted from the inside.
6. Weatherstripping:

a. Flexible bulb-type strip at bottom section.
b. Flexible Jamb seals.
c. Flexible Header seal.

7. Track: Provide track as recommended by manufacturer to suit loading required and clearances available.
   a. Size:
      2) 3 inch (76 mm).
   b. Type:
      5) Follow roof slope.
   c. Horizontal track shall be reinforced with continuous angle of adequate length and gauge to minimize deflection.
   d. Vertical track shall be graduated to provide wedge type weathertight closing with continuous angle mounting for steel or wood jambs, and shall be fully adjustable to seal door at jambs.

8. Electric Motor Operation: Provide UL listed electric operator, equal to Genie Commercial Operators, size and type as recommended by manufacturer to move door in either direction at not less than 2/3 foot nor more than 1 foot per second.

   a. Heavy Duty
      1) Model GT – trolley 1 horsepower
   b. Operator Controls:
      5) Surface mounting.

PART 3 EXECUTION

3.1 EXAMINATION

A. Do not begin installation until openings have been properly prepared.

B. Verify wall openings are ready to receive work and opening dimensions and tolerances are within specified limits.

C. Verify electric power is available and of correct characteristics.

D. If preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

A. Clean surfaces thoroughly prior to installation.

B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

A. Install overhead doors and track in accordance with approved shop drawings and the manufacturer's printed instructions.

B. Coordinate installation with adjacent work to ensure proper clearances and allow for maintenance.

C. Anchor assembly to wall construction and building framing without distortion or stress.

D. Securely brace door tracks suspended from structure. Secure tracks to structural members only.

E. Fit and align door assembly including hardware.

F. Coordinate installation of electrical service. Complete power and control wiring from disconnect to unit components.

G. Instruct Owner's personnel in proper operating procedures and maintenance schedule.

3.4 ADJUSTING

A. Test for proper operation and adjust as necessary to provide proper operation without binding or distortion

B. Adjust hardware and operating assemblies for smooth and noiseless operation.

3.5 CLEANING

A. Clean doors, frames and glass using non-abrasive materials and methods recommended by manufacturer.

B. Remove labels and visible markings.

C. Touch-up, repair or replace damaged products before Substantial Completion.

3.6 PROTECTION

A. Do not permit construction traffic through overhead door openings after adjustment and cleaning.

B. Protect installed products until completion of project.

END OF SECTION

To: Hickey Pena Architects
From: Amanda Polis of Partition Systems Incorporated of South Carolina (PSISC)
Subject: **Specification Inclusion Request for Lockers**

We would like to submit our **Columbia Lockers®** for consideration of inclusion on the following job. Attached is a detailed cut sheet of our product as well as a sample warranty and an order form to display the variety of options that we offer.

In our attempts to 'Go Green', PSiSC is limiting the number of sheets being sent per fax. If you require copies of technical data information or specifications for the PSiSC products being proposed, please email request to amanda@psisc.com or visit us at www.PSiSC.com.

Submit Date:	10/7/2015	**Bid Date:**	**10/16/2015**
Project:	**Main Fire Station & Administration Building Dodge #201500612967**		
Manufacturer:	Partition Systems, Inc. of South Carolina ● PO Box 181 Columbia, SC Phone 1.866.337.7286 Fax: 1.866.337.7291		
Approved by:			
Addenda #:			
Would you like PSiSC to send product information for your library?	□ **Yes**	□ **No**	

Thank you in advance for your consideration and we look forward to working with you on future projects!

Please visit our website for additional information on this product line for use in future projects. You may also contact Amanda Polis at amanda@psisc.com for product samples or literature for your review.

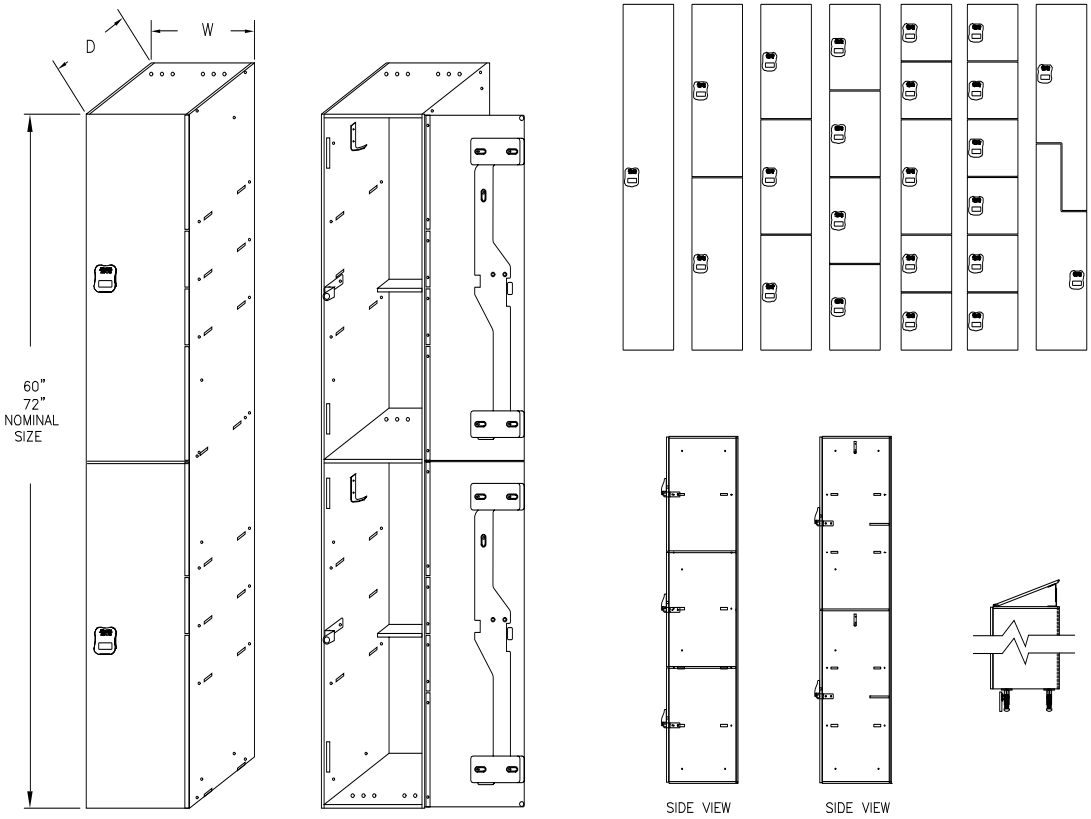
COLUMBIA LOCKERS
A Division of PSISC®

PolyLife® 1831L

Technical Data Sheet

U.S. Patent Numbers: 3,287,233-3,506,058-3,518,028-7,828,399
Other Patents Pending

Standard HDPE Locker



MATERIALS

General: Material shall be Columbia PolyLife® Plastic HDPE. Surface and edges shall be nonporous. Provide material which has been selected for uniform color, surface flatness and even texture. Exposed surfaces which exhibit discolorations, pitting, seam marks, roller marks, stains, telegraphing, or other imperfections on finished units are not acceptable. Locker materials shall contribute LEED® Certification credits for New Construction, Existing Buildings and Schools. MR 4.1, 4.2, 5.1 & 5.2, and EQ 4.

SPECIFICATIONS

Locker Doors: Locker Door shall be the full width of the Locker Uni-Box® and shall be frameless, allowing access to the entire width of the Locker. Framed Doors are unacceptable. Perimeter ventilation shall provide superior ventilation properties to traditional framed doors. Doors shall be attached to the Uni-Hinge® with Stainless Steel Theft Proof Torx Head with Pin, Tri-Lobular Screws.

Locker Body: Locker Body shall incorporate the Uni-Box® Locker Construction to allow for multiple Locker configurations within the same Locker Body. The Locker Body shall be .375" (10 mm) thick and shall be white in color. Homogenous natural color is not acceptable. The Uni-Box® shall incorporate mortise and tenon construction and shall be mechanically fastened together with Stainless Steel fasteners. Locker Shelves shall be mortised into side walls of the Uni-Box® at location determined by Architect. Relocation of Shelves in the field shall be possible without the need for special tools or welders. The Uni-Hinge® shall be attached to the Uni-Box® with Stainless Steel Theft Proof Torx Head with Pin, Through Bolts. Lockers shall arrive at construction site fully assembled.

COLUMBIA LOCKERS
A Division of PSISC®

PO Box 181, Columbia, SC 29202
Phone: 1-866-337-7286 Fax: 1-866-337-7291
Web Site: http://www.columbialockers.com

Standard HDPE Locker

SPECIFICATIONS (continued)

Locker Hinges: Provide one (1) Uni-Hinge® for each Locker Frame. Uni-Hinge® shall be made of continuous Heavy Duty Extruded 6063-T5 Aluminum. Pivot Pin shall be made of Type 304 Stainless Steel. Pivot Pin shall be .1875" (5 mm) in diameter and shall be made in two parts and shall extend the length of the Locker Body. Hinge knuckles shall be separated with two nylon washers. Hinge leaf that attaches to Locker Body shall be continuous and shall extend the full height of the Locker Body. Single to Six Tier Lockers shall use one Uni-Hinge®. Uni-Hinge® shall be attached to the Locker Uni-Box® with Stainless Steel Theft Proof Torx Head with Pin, Tri-Lobular Screws. Uni-Hinge® shall be powder coated to match Locker Door.

Locker Handle: Locker Handle shall be made of injection molded HDPE or similar material and shall have an Antimicrobial efficacy rating of 4.0 or greater. Handle shall move up and down in a vertical movement and shall require less than 5 lbs. of lifting force to operate in accordance with ADA requirements. When used in conjunction with Lock Hasp, handle shall have an integral 11 Gauge Type 304 Stainless Steel Hasp Bar that shall align with the Locker Hasp Bar when in the lower or closed position. Locker Hasp Bar is to be used with padlocks (padlocks are not included).

Latching Mechanism: The Latching mechanism shall consist of an Activation Bar and multiple Slide Bars made of the same or similar materials as the Locker Uni-Box® and Door. Security of locker contents will be assured by use of multiple latching points and an additional 11 Gauge Type 304 Stainless Steel Hasp Bar mounted to the Locker Body that extends through the face of the Door in alignment with the Locker Handle Hasp for use with a padlock (padlocks not included). Door will close and latch without the need for manually raising the Locker Handle. Latch mechanism shall withstand a sudden impact (slamming) force of 300 lbs.

Coat Hooks: Coat Hooks shall be fabricated of 11 Gauge Type 304 Stainless Steel with a Satin Finish. All edges shall be polished and smooth. Coat Hooks shall be attached to the Locker Body with Stainless Steel Theft Proof Torx Head with Pin, Tri-Lobular Screws or Through Bolts. Provide two (2) Coat Hooks for Single Tier Lockers and two (2) for Double Tier and "Z" Lockers. Plastic and aluminum Coat Hooks are unacceptable.

Number Plates: Provide a Number Plate for each Door or opening, in the sequence as indicated on the drawings. Number Plate shall be engraved from the back side to prevent the accumulation of dirt and grime and shall be recessed into the Locker Door Handle. Surface mounted Number Plates are unacceptable.

Locker Legs: Provide Locker Legs for all Lockers except recessed and base mounted Lockers. Locker Leg assembly shall be structural and shall be fully adjustable to provide for leveling and plumbing of Locker Body. Provide Toe Kick Plates with all necessary hardware for attaching to the Locker Leg.

INSTALLATION

1. Comply with manufacturer's written installation instructions. Install Lockers rigid, straight, plumb and level.
2. Through Bolt Locker Boxes together with Stainless Steel Theft Proof Torx Head with Pin, Through Bolts.
3. Anchor Locker Boxes to the wall with provided anchor devices.
4. Install Slope Tops, End Panels, Filler Strips and accessories in accordance with written instructions

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Technical Data Sheet

U.S. Patent Numbers: 3,287,233-3,506,058-3,518,028-7,828,399
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Standard HDPE Locker

QUALITY STANDARDS

Screw Holding Strength: When tested in accordance with ASTM D1037, Direct Screw Withdrawal Test, Locker materials shall withstand a direct pull force that exceeds 1,100 lbs per fastener.

Water Absorption Requirements: When tested in accordance with ASTM D570, Locker materials shall have a Water Absorption Rate of less than 0.09%.

Tensile Strength: When tested in accordance with ASTM D638, Locker materials shall have a Tensile Modulus of 339,000 PSI, a Tensile Strength at Yield of 4500 PSI, and a Tensile Strength at Break of 2030 PSI.

Flexural Properties: When tested in accordance with ASTM D790, Locker materials shall have a Flexural Modulus of 235,000 PSI.

Environmental Stress-Crack Resistance: When tested in accordance with ASTM D1693, Locker material shall exceed 15.0 HR.

LEED® Contribution Requirements : Locker materials shall contribute LEED® Certification credits for New Construction, Existing Buildings and Schools. MR 4.1, 4.2, 5.1 & 5.2, and EQ 4.

FABRICATION

General: Provide factory pre-assembled Locker units. Lockers shall be complete with all hardware and accessories listed above. Knock down units are unacceptable.

Slope Tops and End Panels: Provide Slope Tops and End Panels as required to complete the installation of the Lockers.

STANDARD SIZE OPTIONS				
Widths	**9"**	**12"**	**15"**	**18"**
Depths	**12"**	**15"**	**18"**	
Heights	**60"**	**72"**		

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